



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Charles E. Taylor, et al.  
SC/Serial No.: 10/074,379  
Confirm. No.: ~~5582~~  
Filed: February 12, 2002  
Title: ELECTRO-KINETIC AIR TRANSPORTER AND  
CONDITIONER DEVICE WITH ENHANCED  
MAINTENANCE FEATURES AND ENHANCED ANTI-  
MICROORGANISM CAPABILITY

PATENT APPLICATION

Art Unit: 1741  
Examiner: Unknown

Customer No. 23910

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**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Art Unit 1741, Washington, DC 20231, on October 17, 2002.

Sheldon R. Meyer, Reg. No. 27,660  
Signature Date: October 17, 2002

(Attorney Signature)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.56**

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Commissioner for Patents  
Art Unit 1741  
Washington, DC 20231

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56. If this is a continuation, divisional or continuation-in-part application, it is understood that the Examiner will consider all information which was considered by the Office in a parent application. MPEP §609. Such information therefore is not listed herein unless it is desired that the information be printed on a patent issuing from the subject application.

***Enclosed with this statement are the following:***

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ A copy of each cited document as required by 37 C.F.R. §1.98. Copies are not submitted of documents previously submitted by the applicant in a parent application from which benefit under 35 U.S.C. §120 is claimed, 37 C.F.R. §1.98(d)(1), with an information disclosure statement submitted in the parent application which complies with the Sept. 8, 2000 or subsequent revision of 37 C.F.R. §1.98(a-c). If any of the cited/submitted documents is in a foreign language, a concise explanation

of relevance is provided pursuant to 37 C.F.R. §1.98(a)(3)(i). For foreign language documents cited in a search report by a foreign patent office, the requirement for a concise explanation of relevance is satisfied by the submission herewith of an English language version of the search report. MPEP §609A(3). If a written English-language translation of a non-English language document, or portion thereof, is within the possession, custody or control of, or is readily available to any individual designated in §1.56(c), a copy of the translation accompanies this statement, 37 C.F.R. §1.98(a)(3)(ii), and satisfies the requirement for a concise explanation of relevance, MPEP §609A(3).

☒ A copy of the PCT Search Report dated August 6, 2001 as well as cited references is enclosed.

☐ **PTA Statement under 37 C.F.R. §1.704(d).** Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

***This statement should be considered because:***

☒ **37 C.F.R. §1.97(b).** This statement qualifies under 37 C.F.R. §1.97, subsection (b) because:

- (1) It is being filed within three months of the filing date of an application other than a continued prosecution application under § 1.53(d);  
-- OR --
- (2) It is being filed within 3 months of entry of a national stage;  
-- OR --
- (3) It is being filed before the mailing date of the first Office Action on the merits,  
-- OR --
- (4) It is being filed before the mailing date of the first Office Action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114.

☐ **37 C.F.R. §1.97(c).** Although it may not qualify under subsection (b), this statement qualifies under 37 C.F.R. §1.97, subsection (c) because:

- (1) It is being filed before the mailing date of a FINAL office action, a Notice of Allowance, or an action that otherwise closes prosecution in the subject application, whichever occurs first.

-- AND (check at least one of the following) --

- ☐ (1) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e).  
-- OR --
- ☐ (2) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

☐ **37 C.F.R. §1.97(d).** Although it may not qualify under subsection (b) or (c), this statement qualifies under 37 C.F.R. §1.97, subsection (d) because:

- (1) It is being filed on or before payment of the issue fee;

-- AND --

- (2) It is accompanied by a STATEMENT as set forth in 37 C.F.R. §1.97(e);

-- AND --


- (3) It is accompanied by the \$180 fee set forth in 37 C.F.R. §1.17(p).

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge underpayment of any additional fees or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

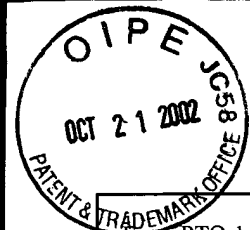
Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: October 17, 2002

By:   
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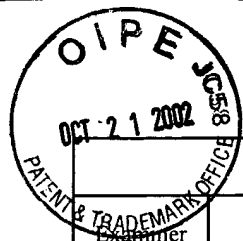
Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number 10/074,379	Serial/Patent Number 10/074,379
		Applicant/Patent Owner Charles E. Taylor, et al.	
		Filing/Issue Date February 12, 2002	Group Art Unit 1741

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)

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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
	1.	2,949,550	Aug. 16, 1960	Brown	310	5	Jul. 3, 1957
	2.	4,052,177	Oct. 4, 1977	Kide	55	139	Mar. 1, 1976
	3.	4,138,233	Feb. 6, 1979	Masuda	55	139	Jun. 16, 1977
	4.	4,209,306	Jun. 24, 1980	Feldman et al.	55	2	Nov. 13, 1978
	5.	4,231,766	Nov. 4, 1980	Spurgin	55	138	Dec. 11, 1978
	6.	4,232,355	Nov. 4, 1980	Finger et al.	361	235	Jan. 8, 1979
	7.	4,244,712	Jan. 13, 1981	Tongret	55	124	Mar. 5, 1979
	8.	4,259,452	Mar. 31, 1981	Yukuta et al.	521	52	May 15, 1979
	9.	4,266,948	May 12, 1981	Teague et al.	55	126	Jan. 4, 1980
	10.	4,282,014	Aug. 4, 1981	Winkler et al.	55	105	May 21, 1979
	11.	4,342,571	Aug. 3, 1982	Hayashi	55	137	Jun. 14, 1978
	12.	4,386,395	May 31, 1983	Francis, Jr.	363	27	Dec. 19, 1980
	13.	4,413,225	Nov. 1, 1983	Donig et al.	323	246	Jul. 17, 1981
	14.	4,445,911	May 1, 1984	Lind	55	2	Dec. 15, 1981
	15.	4,502,002	Feb. 26, 1985	Ando	323	237	Sep. 2, 1982
	16.	4,536,698	Aug. 20, 1985	Shevalenko et al.	323	237	Aug. 25, 1983
	17.	4,587,475	May 6, 1986	Finney, Jr., et al.	323	241	Jul. 25, 1983
	18.	4,600,411	Jul. 15, 1986	Santamaria	55	139	Apr. 6, 1984
	19.	4,601,733	Jul. 22, 1986	Ordines et al.	55	139	Sep. 27, 1984
	20.	4,626,261	Dec. 2, 1986	Jorgensen	55	2	Dec. 12, 1985
	21.	4,659,342	Apr. 21, 1987	Lind	55	2	Apr. 30, 1984
	22.	4,674,003	Jun. 16, 1987	Zylka	361	235	Apr. 3, 1985



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	23.	4,694,376	Sep. 15, 1987	Gesslauer	361	235	Sep. 26, 1985
	24.	4,713,093	Dec. 15, 1987	Hansson	55	139	Jul. 8, 1986
	25.	4,779,182	Oct. 18, 1988	Mickal et al.	363	37	Jun. 24, 1986
	26.	4,808,200	Feb. 28, 1989	Dallhammer et al.	55	105	Nov. 12, 1987
	27.	4,940,470	Jul. 10, 1990	Jaisinghani et al.	55	2	Mar. 23, 1988
	28.	5,010,869	Apr. 30, 1991	Lee	123	539	Aug. 11, 1989
	29.	5,196,171	Mar. 23, 1993	Peltier	422	121	Mar. 11, 1991
	30.	5,217,504	Jun. 8, 1993	Johansson	55	2	Mar. 20, 1990
	31.	5,302,190	Apr. 12, 1994	Williams	95	57	Jun. 8, 1992
	32.	5,315,838	May 31, 1994	Thompson	62	129	Aug. 16, 1993
	33.	5,378,978	Jan. 3, 1995	Gallo et al.	323	241	Apr. 2, 1993
	34.	5,484,472 C1	Feb. 20, 2001	Weinberg	96	26	Feb. 6, 1995
	35.	5,578,112	Nov. 26, 1996	Krause	96	24	Jun. 1, 1995
	36.	5,667,564	Sep. 16, 1997	Weinberg	96	58	Aug. 14, 1996
	37.	5,814,135	Sep. 29, 1998	Weinberg	96	58	Sep. 15, 1997
	38.	5,879,435	Mar. 9, 1999	Satyapal et al.	96	16	Jan. 6, 1997
	39.	5,893,977	Apr. 13, 1999	Pucci	210	739	May 12, 1997
	40.	5,972,076	Oct. 26, 1999	Nichols et al.	95	81	Sep. 28, 1998
	41.	6,019,815	Feb. 1, 2000	Satyapal et al.	95	74	Sep. 11, 1998
	42.	6,042,637	Mar. 28, 2000	Weinberg	96	58	Sep. 28, 1998
	43.	6,063,168	May 16, 2000	Nichols et al.	96	80	Aug. 11, 1997
	44.	6,086,657	Jul. 11, 2000	Freije	95	2	Feb. 16, 1999
	45.	6,149,717	Nov. 21, 2000	Satyapal et al.	96	16	Dec. 22, 1998
	46.	6,149,815	Nov. 21, 2000	Sauter	210	635	Nov. 23, 1999
	47.	6,182,461 B1	Feb. 6, 2001	Washburn et al.	62	264	Jul. 16, 1999
	48.	6,193,852 B1	Feb. 27, 2001	Caracciolo et al.	204	176	May 28, 1997
	49.	6,212,883 B1	Apr. 10, 2001	Kang	60	275	Mar. 3, 2000
	50.	6,252,012 B1	Jun. 26, 2001	Egitto et al.	525	431	Aug. 30, 1999



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	51.	6,270,733 B1	Aug. 7, 2001	Rodden	422	186.07	Feb. 17, 2000
	52.	6,277,248 B1	Aug. 21, 2001	Ishioka et al.	204	176	Jan. 5, 2000
	53.	D449,097 S	Oct. 9, 2001	Smith et al.	D23	364	May 1, 2000
	54.	6,302,944 B1	Oct. 16, 2001	Hoenig	96	16	Apr. 18, 2000
	55.	D449,679 S	Oct. 23, 2001	Smith et al.	D23	365	May 1, 2000
	56.	6,309,514 B1	Oct. 30, 2001	Conrad et al.	204	164	Nov. 7, 1994
	57.	6,312,507 B1	Nov. 6, 2001	Taylor et al.	96	19	Feb. 12, 1999
	58.	6,315,821 B1	Nov. 13, 2001	Pillion et al.	96	416	Jan. 11, 2001
	59.	6,328,791 B1	Dec. 11, 2001	Pillion et al.	96	418	May 3, 2000
	60.	6,350,417 B1	Feb. 26, 2002	Lau et al.	422	186.04	May 4, 2000
	61.	6,372,097 B1	Apr. 16, 2002	Chen	204	176	Apr. 14, 2000
	62.	6,379,427 B1	Apr. 30, 2002	Siess	95	57	Dec. 6, 1999
	63.	6,391,259 B1	May 21, 2002	Malkin et al.	422	28	Jun. 26, 1997

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes   No
	64.	09/669,253	Sep. 25, 2000	Taylor et al.	X
	65.	09/669,268	Sep. 25, 2000	Taylor et al.	X
	66.	09/730,499	Dec. 5, 2000	Taylor et al.	X
	67.	09/742,814	Dec. 19, 2000	Taylor et al.	X
	68.	09/774,198	Jan. 29, 2001	Taylor	X
	69.	60/306,479	July 18, 2001	Taylor	X
	70.	09/924,624	Aug. 8, 2001	Taylor et al.	X



# PENDING U.S. PATENT APPLICATIONS

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Petition to  
Expunge?  
Yes | No

Examiner Initial		Application Number	Filing Date	First Named Inventor		
	71.	09/924,600	Aug. 8, 2001	Taylor et al.		X
	72.	60/341,179	Dec. 13, 2001	Taylor et al.		X
	73.	60/340,702	Dec. 13, 2001	Taylor et al.		X
	74.	60/341,377	Dec. 13, 2001	Taylor et al.		X
	75.	60/341,518	Dec. 13, 2001	Taylor		X
	76.	60/340,288	Dec. 13, 2001	Taylor		X
	77.	60/341,176	Dec. 13, 2001	Taylor		X
	78.	60/340,462	Dec. 13, 2001	Taylor		X
	79.	60/341,090	Dec. 13, 2001	Taylor		X
	80.	60/341,433	Dec. 13, 2001	Taylor		X
	81.	60/341,592	Dec. 13, 2001	Taylor		X
	82.	60/341,320	Dec. 13, 2001	Taylor		X
	83.	10/074,082	Feb. 12, 2002	Taylor et al.		X
	84.	10/156,158	May 28, 2002	Taylor et al.		X
	85.	60/391,070	Jun. 6, 2002	Reeves		X
	86.	10/188,668	Jul. 2, 2002	Taylor et al.		X

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## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	<u>Translation</u>	
							Yes	No
	87.	WO 01/47803 A1	Jul. 5, 2001	PCT				
	88.	WO 01/48781 A1	Jul. 5, 2001	PCT				
	89.	FR 2690509	Oct. 29, 1993	France			Abstract	
	90.	JP 10137007	May 26, 1998	Japan			Abstract	
	91.	JP 11104223	Apr. 20, 1999	Japan			Abstract	
	92.	JP 2000236914	Sept. 5, 2000	Japan			Abstract	



## OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

93.

LENTEK Silā™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999.

Examiner

Date Considered

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*1 = Copy not submitted because it was submitted in prior application SN   /  , filed   , 20  , relied on under 35 USC §120.

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